

WEST Search History

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DATE: Tuesday, August 28, 2007

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DB=USPT; PLUR=YES; OP=OR

<input type="checkbox"/>	L4	L2 and synapse	0
<input type="checkbox"/>	L3	L2 and NMDA	0
<input type="checkbox"/>	L2	L1 and memory	13
<input type="checkbox"/>	L1	Prickle	2088

END OF SEARCH HISTORY

=> d his

(FILE 'HOME' ENTERED AT 12:46:26 ON 28 AUG 2007)

FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS' ENTERED AT 12:46:43 ON 28 AUG 2007

L1 1499 S PRICKLE
L2 3 S L1 AND MEMOR?
L3 10 S L1 AND SYNAP?
L4 3 S L1 AND NMDA
L5 3 DUP REM L2 (0 DUPLICATES REMOVED)

=>

<!--StartFragment-->RESULT 5

ABG07025

ID ABG07025 standard; protein; 795 AA.

XX

AC ABG07025;

XX

DT 13-FEB-2002 (first entry)

XX

DE Novel human diagnostic protein #7016.

XX

KW Human; chromosome mapping; gene mapping; gene therapy; forensic;

KW food supplement; medical imaging; diagnostic; genetic disorder.

XX

OS Homo sapiens.

XX

PN WO200175067-A2.

XX

PD 11-OCT-2001.

XX

PF 30-MAR-2001; 2001WO-US008631.

XX

PR 31-MAR-2000; 2000US-00540217.

PR 23-AUG-2000; 2000US-00649167.

XX

PA (HYSE-) HYSEQ INC.

XX

PI Drmanac RT, Liu C, Tang YT;

XX

DR WPI; 2001-639362/73.

DR N-PSDB; AAS71212.

XX

PT New isolated polynucleotide and encoded polypeptides, useful in
 PT diagnostics, forensics, gene mapping, identification of mutations
 PT responsible for genetic disorders or other traits and to assess
 PT biodiversity.

XX

PS Claim 20; SEQ ID NO 37384; 103pp; English.

XX

CC The invention relates to isolated polynucleotide (I) and polypeptide (II)
 CC sequences. (I) is useful as hybridisation probes, polymerase chain
 CC reaction (PCR) primers, oligomers, and for chromosome and gene mapping,
 CC and in recombinant production of (II). The polynucleotides are also used
 CC in diagnostics as expressed sequence tags for identifying expressed
 CC genes. (I) is useful in gene therapy techniques to restore normal
 CC activity of (II) or to treat disease states involving (II). (II) is
 CC useful for generating antibodies against it, detecting or quantitating a
 CC polypeptide in tissue, as molecular weight markers and as a food
 CC supplement. (II) and its binding partners are useful in medical imaging
 CC of sites expressing (II). (I) and (II) are useful for treating disorders
 CC involving aberrant protein expression or biological activity. The
 CC polypeptide and polynucleotide sequences have applications in
 CC diagnostics, forensics, gene mapping, identification of mutations
 CC responsible for genetic disorders or other traits to assess biodiversity
 CC and to produce other types of data and products dependent on DNA and
 CC amino acid sequences. ABG00010-ABG30377 represent novel human diagnostic
 CC amino acid sequences of the invention. Note: The sequence data for this
 CC patent did not appear in the printed specification, but was obtained in
 CC electronic format directly from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX

SQ Sequence 795 AA;

Query Match 80.5%; Score 3675; DB 4; Length 795;
 Best Local Similarity 84.9%; Pred. No. 3.3e-276;
 Matches 688; Conservative 31; Mismatches 65; Indels 26; Gaps 7;

Qy 49 VHQQYSCLPPEEKVPYVNSPGEKLRKQLLHQLPPHDNEVRYCNSLDEEEKRELKLFNSQR 108
 |||:|
 Db 1 VHQQYSCLPPEEKVPYVNSPGEKLRKQLLHQLPPHDNEVRYCNSLDEEEKRELKLFSSQR 60
 Qy 109 KRENLRGRNVRFPPVTMTGAICEQCGGQIKGGDIAVFASRAGHGICWHPPCFICTVCNEL 168
 |||:|
 Db 61 KRENLRGRNVRFPPVTMTGAICEQCGGQINGGDIAVFASRAGHGVCWHPPCFVCTVCNEL 120
 Qy 169 LVDLIYFYQDQGIYCGRHHAECLKPRCAACDEIIFADECTEAEGRHWHMRHFCCFECETV 228
 |||:|

Db	121	LVDLIYFYQDGKIYCGRHHAECLKPRCAACDEIIFADECTEAEGRHWHMKHFCCFECETV	180
Qy	229	LGGQRYIMKEGRPYCCHCFESLYAEYCDTCAQHIGIDQGQMTYDQGWHATENCFFCAHC	288
Db	181	LGGQRYIMKEGRPYCCHCFESLYAEYCDTCAQHIGIDQGQMTYDQGWHATETCFCAHC	240
Qy	289	KKSLLGRPFPLPKQGQIFCSRACSAAGEDPNGSDSSDSAFQNARAKESRRSAKIGK---NKG	345
Db	241	KKSLLGRPFPLPKQGQIFCSRACSAAGEDPNGSDSSDSAFQNAGPRSPGAVPKLARTRARRG	300
Qy	346	KTEETMLNQHSQQLQVSSNR----LSADVDPFSVQMDLLSLSSQTPSLNRD---PIWRSR	397
Db	301	AHAEPAPQAASEFXPAVSRRRPPVTADGHAQPVQPD--TQPQPGPHLEEPGRALPLWEQD	358
Qy	398	DEPFHYGNKMEQNQSQSPQLQLSQCNIRTSYSPGGQAAGAAPDMWAKHFSNPKRSSSMAL	457
Db	359	-----GAEPDPEPSAAP-----RQCNIRTSYSPGGQGAGAAPMWWGKHFSNPKRSSSLAM	408
Qy	458	KGHGGSFIQECREDYYPGRILMSQESYSQSFSETRGSIPVPKYEEEEEEEEEGGIS	517
Db	409	TGHAGSFIKECREDYYPGRILRSQESYSQSFSETRGSIQVPKY---EEEEEEEGGLS	465
Qy	518	TQQCRPRRPLSSLKYTEDMTPTQTPRGSMSLALSNAATGLSAEGGAKRQEHLSRFSMPD	577
Db	466	TQQCRTRHPISLKYTEDMTPTQTPRGSMSLALSNAATGLSADGGAKRQEHLSRFSMPD	525
Qy	578	LSKDSGMNVSEKLSNMGTLNSSMQFSAESVRSLLSAQQYQEMEGNLHLQSLNPLGYRDLQ	637
Db	526	LSKDSGMNVSEKLSNMGTLNSSMQFSAESVRSLLSAQQYQEMEGNLHLQSLNPIGYRDLQ	585
Qy	638	SHGRMHQSFDFDGGIASSKLPGQEGVHIQPMSETRRRRTSRDDNRRFRPHRSRRSRRSR	697
Db	586	SHGRMHQSFDFDGGMAGSKLPGQEGVRIQPMSETRRRRATSRDDNRRFRPHRSRRSRRSR	645
Qy	698	SDNALHLASEREVIARLKRDPPLRAREDYDQFVRQRSFQESMGQSRRLDLYSQCPRTVSD	757
Db	646	SDNALHLASEREAISRLKRDPPLRAREDYDQFMRQRSFQESMGHGSRRDLYGQCPRTVSD	705
Qy	758	LALQNAFGERWGPYFTEYDWCSTCSSSSSEDNEGYFLGEPFIPQPARLRYVTSDELLHKYS	817
Db	706	LALQNAFGDRWGPYFAEYDWCSTCSSSSSEDNEGYFLGEPFIPQPARLRYVTSDELLHKYS	765
Qy	818	SYGVPKSSTLGGRGQLHSRKRQKSKNCIIS	847
Db	766	SYGLPKSSTLGGRGQLHSRKRQKSKNCIIS	795

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<!--EndFragment-->
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